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CIA-RDP86-00513R000412610001-6

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CIA-RDP86-00513R000412610001-6"

REEL NUMBER

126

CARDS FROM
FEDCHENKO, YE. D.

Category : USSR/Nuclear Physics - Nuclear Reactions

C-5

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 568

Author : Vanetsian, R A., and Fedchenko, Ye. D.

Title : Elastic Scattering of 18.7 Mev Protons by Ni and Cu Nuclei

Orig Pub : Zh eksperim. i teor. fiziki, 1956, 30, No 3, 577-578

Abstract : A study was made of the dependence of the differential elastic scattering cross section of 18.7 Mev protons by Ni and Cu nuclei in a range of angles of 29° -- 170° . The targets employed were foils 10 -- 15 micron thick made of the investigated elements. The proton source was a linear accelerator, producing a beam of protons with a half-width of energy distribution of approximately 400 kev. The scattered protons were detected with a counter having a CsI (Tl) crystal. The total energy resolution of the recording setup was 3%, making it possible to separate reliably elastic and inelastic scattering by Ni and Cu. The systematic errors of the measurement results did not exceed 2.5%. Comparison of the resultant dependence of the differential scattering cross sections on the angle with the theoretical values has led the authors to conclude that the best agreement between the theoretical and experimental curves occurs when the theoretical curves are calculated by using the optical model of a nucleus with diffuse boundary.

Card

: 1/1

FEDCHENKO, E.D., ELYUCHAREV, A.P., VANEZHNIAN, R.A.

"Elastic Cross Sections for 19.8 Mev Protons Scattered by Co⁵⁹, Pb²⁰⁷,
Pb²⁰⁸, Bi²⁰⁹, U²³⁸,"

Physical-Technical Inst, Acad. Sci. Ukr SSR

paper submitted at the A-U Conf. on Nuclear Reactions in Medium and Low
Energy Physics, Moscow, 19-27 Nov 57.

FEDCHENKO, E.D.

PA - 2255

AUTHOR: VANETSIAN, R.A., FEDCHENKO, E.D.
TITLE: The Investigation of the Differential Cross-Section of the Elastic
Scattering of 19,4 MeV-Protons at the Nuclei of T, He³, He⁴, N¹⁴
and O¹⁶. (Issledovaniye differentsiyal'nogo secheniya uprugogo
rasseyaniya protonov s energiyey 19,4 MeV na yadrakh T, He³, He⁴,
N¹⁴ i O¹⁶. Russian).
PERIODICAL: Atomnaya Energiia, 1957, Vol 2, Nr 2, pp 123 - 128 (U.S.S.R.)
Received: 3 / 1957

Reviewed: 5 / 1957

ABSTRACT: The experimental order: A linear accelerator built by the Physical-
Technical Institute of the Ukrainian Academy of Science in 1950
served as source for the 20-MeV-protons. The protons are accelerated
by steady electromagnetic waves (which are excited in spatial re-
sonators). The construction of the accelerator is shown in form of
a diagram. The gas target consists of a hollow cylinder with a dia-
meter of 130 mm and a height of 20 mm. Measurements were carried
out at a gas pressure of from 520 to 620 torr. Also the recording
scheme, the carrying out of measurements, and the failures of the
experiment are shortly discussed.

Measuring results are shown in form of diagrams. The differential
cross-section of the elastic scattering of protons on T, He³, and
He⁴ have about the same development: When the scattering angle is
increased the cross-sections decrease down to a minimum of about
110° to 120°, after which they increase again. However, the details

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PA - 2255

The Investigation of the Differential Cross-Section of the Elastic Scattering of 19,4 MeV-Protons at the Nuclei of T, He³, He⁴, Ne¹⁴, and O¹⁶.

of the curves of the three elements are different. Amongst others the following applies: For T and He³ position and depth of the minima are practically in agreement, but in the case of small angles the amount of the cross section for T is greater than for He³. Besides the cross-section of He⁴ with small angles is greater than the cross-section of He³. The curves of the differential cross-sections of Ne¹⁴ and O¹⁶ have the same structure but the cross-section of O¹⁶ has a lower minimum and a higher maximum than the cross-section of Ne¹⁴. The minima of O¹⁶ are shifted towards smaller angles. With all elements the minima and maxima shift towards smaller angles with growing nuclear charge number. There are, however, exceptions for light elements (e.g. T, He³, D).

The minima and maxima of the differential cross-sections of elastic scattering on Ne¹⁴ and O¹⁶ shift towards smaller angles with growing energy. The same rule applies for heavier nuclei. The difference of the energy dependence of differential cross-sections with the lighter nuclei on the one hand and other nuclei on the other indicates different character of the interaction between nucleons

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PA - 2255

The Investigation of the Differential Cross-Section of the Elastic Scattering of 19,4 MeV-Protons at the nuclei of T, He³, He⁴, N¹⁴, and O¹⁶.

and nuclei (according to whether or not a saturation of the nuclear forces occurred). (5 illustrations).

ASSOCIATION: Not given.

PRESENTED BY:

SUBMITTED: 19.7.1956.

AVAILABLE: Library of Congress.

Card 3/3

FEBRUARY 1962

PAGE 1 FOR EXCERPTING 01/17/2012
Abstracts and Translations 800. Oklahoma Publishing Co. Inc. 12th year.

Transcripts of the Session on Practical Uses of Atomic Energy, Kiev, 1961. 100 p. 2,500 copies printed.

berg, M. V. Pechantik, Doctor of Physics and Mathematics; Editorial Board: A. S. Volkov, Academician, Academy of Sciences Ukraine; M. O. Kostyuk, Candidate of Physics and Mathematics; N. V. Pechantik, Doctor of Physics and Mathematics; Ed. of Publishing House: T. I. Kostyuk; Trans. Ed.: N. V. Kostyuk.

PURPOSE: This collection of articles is intended for physicists and scientific personnel working in nuclear research.

CONTENTS: The article is on collision theory linear proton accelerators, electron accelerators, electron-beam generators, magnetrons, lasers, interaction of charged particles and neutrinos with nuclei, the application of lasers in physics research, and experimental methods. Some of the physical processes, by personnel from ten countries, have a billion-fold intensity, and contribute to the end or part of our civilization.

Authors: A. S. Volkov, M. V. Pechantik, A. M. Neustroevich, L. I. Bozovic, D. G. Borkovskii, A. A. Kostyuk, Yu. V. Kostyuk, V. I. Leonovich, V. V. Lopatin, T. I. Kostyuk, Yu. N. Pavlenko, and I. M. Rukavishnikov.

Editorial: F. D. P. Pechantik, T. A. Orlova, L. D. Stepanov, V. I. Andreev, M. M. Novikov, A. N. Polikarpov, and E. A. Rybachuk.

Editor: A. S. Volkov, A. A. Pechantik, A. M. Neustroevich, L. I. Bozovic, D. G. Borkovskii, A. A. Kostyuk, Yu. V. Kostyuk, V. I. Leonovich, V. V. Lopatin, T. I. Kostyuk, Yu. N. Pavlenko, and I. M. Rukavishnikov (Guest), Prof. Kostyuk.

Abstracts: P. S., and P. I. Smirnov. A 25-Mev Linear Accelerator. 25

V. V. Andreev, A. S., and A. D. Strelts. Interaction of Fast Particles With Nuclei. 57

A. S. Volkov, A. A. Pechantik, and P. I. Smirnov. Reaction of Electrons With Nuclei. 64

S. P. S. and N. P. Zhdanov. Correspondence in Reactions of Proton Capture by Helium Isotopes and Heavy Levels of the Nucleus With Helium. 70

F. D. P. P. and N. P. Zhdanov. Investigation of Elastic Scattering of 21.7-Mev Protons From Carbon, Nitrogen, Oxygen, and Copper Nuclei. 77

I. V. Kostyuk, A. S., and F. D. P. Pechantik. Elastic Scattering of Particles by Helium, Oxygen, Lead, Nitrogen, and Uranium Nuclei With 0.7 and 1.1 Mev Protons. 80

M. V. Pechantik, V. P. Veretennikov, B. D. Romanishin, O. V. Kostyuk, and V. V. Pechantik. Spectra of Fast Neutrons Scattered by Atomic Nuclei. 86

N. V. Kostyuk, V. P. Veretennikov, B. D. Romanishin, O. V. Kostyuk, and V. V. Pechantik. Spectra of Fast Neutrons Scattered by Atomic Nuclei. 94

M. V. P. Pechantik, O. S. Krupitskii, M. V. Pechantik, and V. V. Pechantik. Journalistic Scattering Cross Section of Fast Neutrons. 102

A. S. Volkov, A. A. Pechantik, and G. G. Zin. Colloquium. Effective Boundary Condition for Multiplying and Neutronic Nuclei Interaction. 107

A. S. Volkov, B. I. Verbitskii, and G. G. Zin. On Obtaining Pure Neutrons by Separated Nuclear Reactor Utilization and the Use of Radiation-Induced Mutants for Investigating the Mechanism of Retarding Neutron Properties by Means of Detectors. 119

M. V. P. Pechantik, O. S. Krupitskii, and V. V. Kostyuk. Using Radiometric Methods in Investigation of Condition and Distribution of Isotopes. 138

Isotopes in Investigation of Condition and Distribution of Isotopes. 140

Isotopes in Investigation of Condition and Distribution of Isotopes. 140

240

FEDCHENKO, Ye.D., Cand Phys Math Sci -- (diss) "Elastic scattering of protons with energies of 19.6 m.e.v. ^{by means of} ~~with~~ nuclei of certain isotopes with average and high mass numbers." Khar'kov, 1959, 13 pp (Phys Tech Inst of Acad Sci UkrSSR) 120 copies. Mimeographed. (KL, 35-59, 111-112)

- 10 -

21(7)

SOV/89-6-6-10/27

AUTHORS: Vanetsian, R. A., Klyucharev, A. P., Fedchenko, Ye. D.

TITLE: Investigation of the Differential Elastic Scattering Cross Section of 19.6 Mev Protons on Some Separated Isotopes(Issledovaniye differentsiyal'nogo secheniya uprugogo rasseyaniya protonov s energiyey 19.6 Mev na razdelenykh izotopakh)

PERIODICAL: Atomnaya energiya, 1959, Vol 6, Nr 6, pp 661 - 663 (USSR)

ABSTRACT: The authors report on the measurement of the differential elastic scattering cross sections of 19.6 Mev protons at the separated isotopes

Li^6 , Li^7 , Co^{59} , Cu^{63} , Cu^{65} , Ge^{73} , Ge^{74} , Cd^{111} , Cd^{113} , Cd^{116} ,
 Sn^{116} , Sn^{117} , Sn^{118} , Sn^{119} , Sn^{120} , Sn^{122} , Sn^{124} , Pb^{107} , Pb^{108} ,
 Bi^{209} , U^{238} . A linear accelerator to 20 Mev served as proton source. The scattered protons were recorded by means of two photomultipliers with NaJ(Tl) crystals. The absolute values of the elastic scattering cross sections were measured within an angular range of from $20\text{-}160^\circ$ with an error of $\pm 5\%$, in the case of relative measurements it was $\pm 3\%$. The absolute measurements of scattering cross sections are shown by 8 diagrams in

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Investigation of the Differential Elastic Scattering SOV/89-6-6-10/27
Cross Section of 19.6 Mev Protons on Some Separated Isotopes

figure 1. Figure 2 shows the ratio between the relative and the computed Rutherford scattering cross sections $\sigma(\theta)_{\text{exp}}/\sigma(\theta)_{\text{Rutherford}}$. The diagrams are discussed in the following. Thus, e.g. figure 1 shows that the forward scattering cross section of both lithium isotopes is approximately equal, while the backward scattering cross sections for Li⁷ is considerably higher; from figure 2 it may be seen that the Li⁶ cross section proceeds much more smoothly than that of Li⁷ etc. A comparison of the relative curves for Pb²⁰⁷, Pb²⁰⁸, and Bi²⁰⁹ shows that the course of the cross section curve of Bi²⁰⁹ considerably differs especially in the range of the second maximum - from that of the lead isotopes. It may be seen from the cross section curves for cadmium and lead that the successive addition of five neutrons to the Cd¹¹¹ nucleus does not change the elastic scattering cross section whereas the substitution of two neutrons in the Cd¹¹⁶-nucleus by two protons influences it considerably, as may be seen from a comparison of the curves for Sn¹¹⁶ and Cd¹¹⁶. There are 2 figures and 16 references, 1 of which is Soviet.

SUBMITTED:
Card 2/2 February 16, 1959

VANETSIAN, R.A.; KLYUCHAREV, A.P.; TIMOSHEVSKIY, G.F.; FEDCHENKO, Ye.D.

Calculating the cross sections of elastic scattering for 5.45
Mev. protons according to the optical nuclear model. Zhur. eksp.
i teor. fiz. 40 no.4:1199-1202 Ap '61. (MIRA 14:7)
(Nuclear models) (Protons--Scattering)

S/185/62/007/004/007/018
D407/D301

AUTHORS:

Vanetsian, R. A., Klyucharyev, A. P.,
Tymoshevs'kyy, H. F., and Fedchenko, Ye. D.

TITLE:

Calculating elastic scattering of protons
with energy of 19.6 Mev according to the
optical model

PERIODICAL:

Ukrayins'kyy fizychnyy zhurnal, v. 7, no. 4,
1962, 378-381

TEXT: The differential cross-sections of elastic scattering
of protons (with energy of 19.6 Mev) by nuclei of the separated
isotopes Co⁵⁹, Cu⁶⁵, Cd¹¹⁶, Sn¹¹⁶, Sn¹²⁴ are calculated. The
optical model was used, spin-orbit coupling being taken into
account. The real part of the potential was taken in Saxon's
form, the imaginary part--in Gaussian form. The results of the
calculations show that for scattering angles between 20 - 40°,
no satisfactory agreement with experiment could be obtained.

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Calculating elastic...

All attempts to improve the agreement between calculated and experimental values were in vain. Agreement was good only for Co^{59} for the entire angular interval, except at small angles.

On the other hand, for Cu^{65} considerable discrepancies occurred even at angles exceeding 135° . The experimental values (for all the isotopes under investigation) were much higher than the calculated ones. The shape of the angular distribution of elastically scattered protons with energy 19.6 Mev was more complex than that of protons with 5.45 and 6.8 Mev. The angular distri-

bution curves for Co^{59} protons, calculated by means of the Gaussian form of the imaginary potential on the one hand, and by Saxon's form on the other, differed greatly for large scattering angles. The use of Saxon's form for the imaginary part of the potential does not yield good agreement with experiment for any of the nuclei under investigation. The parameters of the optical model differ greatly for heavy and light nuclei;

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Calculating elastic...

S/185/62/007/004/007/018
D407/D301

this is particularly the case with the diffusivity parameter a , and the parameters b and W , characterizing absorption. There are 6 figures, 1 table and 5 references: 3 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: L. S. Rodberg, Nuclear Phys., 15, 72, 1960; R. Woods, D. S. Saxon, Phys. Rev., 95, 577, 1954.

ASSOCIATION: Fizyko-tehnichnyy instytut AN URSR (Physico-technical Institute of the AS UkrRSR), Kharkiv

SUBMITTED: August 21, 1961

Card 3/3

S/903/62/000/000/017/044
B102/B234

AUTHORS: Val'ter, A. K., Vanetsian, A. A., Klyucharev, A. P.,
Timoshevskiy, G. F., Fedchenko, Ye. D.

TITLE: Calculation of the differential elastic scattering cross sections of 6.8-Mev protons for nuclei of some Ni, Cu, and Cr isotopes on the basis of the optical model of the nucleus

SOURCE: Yadernyye reaktsii pri malykh i srednikh energiyakh; trudy Vtoroy Vsesoyuznoy konferentsii, iyul' 1960. g. Ed. by A. S. Davydov and others. Moscow, Izd-vo AN SSSR, 1962, 191-200

TEXT: To gather information for the choice of optimum parameters and on the differential scattering cross sections obtained with these parameters in the case of agreement with experiment, optical-model calculations were carried out for Cr^{53,58}, Ni^{60,62}, and Cu^{63,65} for E_p = 5.45, 6.8 and 19.6 Mev, which gives the possibility of obtaining the energy dependence of the parameters. The experimental data needed were taken from Atomnaya energiya, 6, 66, 1959, ZhETF, 38, 1419, 1960, and DAN SSSR, 130, 1009, 1960. The calculations

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S/903/62/000/000/017/044

B102/B234

Calculation of the differential...

are made in the usual manner with the potential ansatz

$$V^{\pm}(r) = V_{\text{Coul}}(r) + V_0 - \frac{1}{\rho - \rho_{\infty}} + iW_0 e^{-\left(\frac{r}{\lambda}\right)^2} - \chi \left(\frac{\hbar}{\mu c}\right)^2 \frac{1}{r} \frac{d}{dr} V_{\infty}(sl), \quad (8)$$

$$(sl) = \begin{cases} l & \text{для } l = l + \frac{1}{2}, \\ -(l+1) & \text{для } l = l - \frac{1}{2}, \\ 0 & \text{для } l = 0. \end{cases}$$

where $V_{\text{Coul}}(r)$ is the Coulomb potential. Agreement was best when the following parameters were used:

	α	β	V_0	W_0	V_{∞}
Cu ⁶⁴	1,23	0,38	0,70	64,7	7,6
Ni ⁶⁴	1,23	0,36	0,73	68,3	6,6
Ni ⁶⁰	1,23	0,37	0,74	68,0	6,5
Ni ⁶³	1,23	0,48	0,64	64,0	5,6
Cu ⁶³	1,23	0,46	0,85	63,0	5,5
Cu ⁶⁵	1,23	0,43	0,84	64,2	5,1

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S/903/62/000/000/017/044

B1Q2/B234

Calculation of the differential

Conclusions. The position of the extrema in the $\sigma(\theta)$ curve is mainly determined by the two parameters V_0 and r_0 , which are interrelated by $V_0 r_0^2 = \text{const.}$. Any change of these parameters affects not only the position but also the amplitude of the extrema. When V_0 and r_0 are increased the extremum becomes shifted to smaller angles θ . A variation of a corresponds to rotation of the angular distribution around $\theta=0^\circ$; increasing of b means rotation in the negative sense. Reduction of b shifts the extrema toward larger θ and raises their amplitude, particularly at large θ . W influences only the height of the extrema. Any alteration of the spin-orbital potential V_s causes a distortion of the angular distribution especially for $\theta \geq 120^\circ$. There are 11 figures and 1 table.

ASSOCIATION Fiziko-tehnicheskiy institut AN USSR (Physicotechnical Institute AS UkrSSR)

Card 3/3

TIMOSHEVSKIY, G.F.; VANETSIAN, R.A.; KLYUCHAREV, A.P.; FEDCHENKO, Ye.D.

Compound-elastic scattering in elastic scattering of 5.45 Mev.
protons on nickel isotopes. Zhur. eksp. i teor. fiz. 45
no.6:1951-1953 D '63. (MIF 17:2)

1. Fiziko-tehnicheskiy institut AN UkrSSR.

GARENSKIKH, A.D.; BULATOV, V.D.; FEDCHENKO, Yu.P.; RAFALOVICH, I.M.;
ZABEREZHNYY, I.I.

Industrial air heater units for reverberatory copper smelting
furnaces. Tsvet.met. 29 no.4:38-43 Ap '56. (MLRA 9:8)

1. Kirovgradskiy medeplavil'nyy zavod (for Garenskikh, Bulatov,
Fedchenko); 2. Gintsvetmet (for Rafalovich, Zaberezhnyy).
(Copper--Metallurgy) (Smelting furnaces)

LATYPOVA, R.Kh.; MISHIN, V.M.; TROSHICHEV, O.A.; FEDCHENKO, Z.A.

Apropos of M.S. E-brov's article "Overall planetary picture
of geomagnetic disturbances of corpuscular origin." Geomag.
i aer. 2 no.3:553-560 My-Je '62. (MIRA 15:11)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya
radiovoln Sibirskogo otdeleniya AN SSSR.
(Cosmic rays) (Magnetic storms)

FEDCHIN, F.G.

Relation between plicative and disjunctive elements as illustrated
by the structure of the Karadubskoye ore deposit. Soob.DVFAN SSSR
(MIRA 13:11)
no.12:9-13 '60.

1. Dal'nevostochnyy filial imeni V.L.Komarova Sibirskogo otdeleniya
AN SSSR.
(Khingan Mountains--Geology, Structural)

FEDCHIN, F.G.

Vertical structural zones of the Olono-Kamadub ore field. Soob,
DVFAN SSSR no.13:35-40 '60. (MIRA 14:3)

1. Dal'nevostochnyy filial im. V.L.Komarova Sibirskogo otsteleniya
AN SSSR.
(Khingan Mountains—Geology, Structural)

FEDCHIN, Fedor Grigor'yevich; GOVOROV, I.N., kand. geol.-miner.
nauk, otd. red.; ZHILINA, A.I., red.izd-va

[Characteristics of the structure, igneous activity and
tin potential of the Khingan-Olono trough] Osobennosti
struktury, magmatizma i olivenosnosti Khingano-Olonskogo
progiba. Moskva, Izd-vo "Nauka," 1964. 150 p.
(MIRA 17:4)

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FEDCHINA, V.N.

FEDCHINA, V.N.

Central Asia on Russian maps of the 17th century. Vop. ist. est. i
tekh. no. 4:94-104 '57. (MIRA 11:1)
(Soviet Central Asia--Maps)

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URANOSOV, A.A.; FEDCHINA, V.N. (Moskva)

Books on heroic discoveries in the Far East. Priroda 50 no.8:120-121
Ag '61. (MIRA 14:7)
(Bibliography--Soviet Far East--Discovery and exploration)
(Soviet Far East--Discovery and exploration--Bibliography)

FEDCHINA, V.N.

Some cartographic data on the territory of Central Asia in works by
scientists of the medieval Orient. Iz ist. nauki i tekhn. v stran.
(MIRA 14:8)
Vost. no.1:454-466 '60.
(Soviet Central Asia--Maps, Early)

FEDCHINA, V.N.

"Outstanding explorers of Central Asia" by A.A. Azat'ian.
Reviewed by V.N. Fedchina. Priroda 50 no. 3:120-121 Mr '61.
(MIRA 14:2)

1. Institut istorii yestestvoznaniya i tekhniki AN SSSR,
Moskva.
(Soviet Central Asia--Discovery and exploration)
(Azat'ian, A.A.)

FEDCHINA, V.N.

History of mapping of Central Asia in Russia in the first
quarter of the 18th century. Trudy Inst.ist.est.i tekh.
37:250-276 '61. (MIRA 14:10)
(Asia, Central--Maps)

GVOZDETSKIY, N.A.; FEDCHINA, V.N.; AZAT'YAN, A.A.; DONTSOVA, Z.N.;
FEDOSEYEV, I.A., otv. red.; YEASKOV, V.A., red.; SOLOV'YEV,
A.I., red.

[Russian geographical explorations of the Caucasus and
Central Asia in the 19th and the beginning of the 20th
century] Russkie geograficheskie issledovaniia Kavkaza i
Srednei Azii v XIX - nachale XX v. [By] N.A.Gvozdetsii i
dr. Moskva, Nauka, 1964. 156 p. (MIRA 17:11)

ACC NR: AT6020473

(A)

SOURCE CODE: UR/0000/65/000/000/0069/0073

AUTHOR: Vakul'skiy, A. A. (L'vov); Fedchishin, A. S. (L'vov)

ORG: none

TITLE: Transient processes in magnetic induction receivers due to primary field pulses

SOURCE: AN UkrSSR. Teoriya i elementy sistem otbora geofizicheskoy informatsii (Theory and elements of systems for selecting geophysical information). Kiev, Naukova dumka, 1965, 69-73

TOPIC TAGS: magnetic field measurement, eddy current, prospecting

ABSTRACT: The paper compares the effect of two such processes: one arising in a buried conductor (i. e., a = an ore body) and the other, in the magnetic receiver. Such processes are induced in the conductor whenever the primary field is suddenly changed, e. g., when the current is shut off. The method of transient processes is based on transient phenomena caused by eddies created in the current. Eddies in the magnetic receiver cause distortions in the signals received. The tentative conclusion reached is that the time interval of the change in the useful signal may be rationally selected from a family of curves. Orig. art. has: 2 figures, 18 formulas.

SUB CODE: 08,14/ SUBM DATE: 10Nov65/ ORIG REF: 003

Card 1/1

FEDCHISHIN, I.

AID P - 4696

Subject : USSR/Aeronautics - Sports

Card 1/1 Pub. 58 - 8/17

Author : Fedchishin, I., World Champion, Honored Master of Sports

Title : Whom shall we meet at the contest?

Periodical : Kryl. rod., 5, 9-10, My 1956

Abstract : The article is written in anticipation of the IIIrd World competitions in parachute sports, held in Moscow in July 1956. The author gives the program of the contest and discusses the technique of the teams of the various participating countries (including U.S.A.). The recorded performances of some individual sportsmen are also examined. One photo.

Institution : None

Submitted : No date

~~YUDCHISHIN, I., zasluzhenny master sporta (Dnepropetrovsk).~~

~~Training teams for competitions. Kryl. rod. 8 no.7:6-7 J1 '57.
(Parachutists) (MLRA 10:9)~~

FIDCHISHIN, I.

Preparation of the parachutists for a contest. Tr. from the Russian.

p. 601 (*Kridla Vlasti*, No. 19, Sept. 1957. Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

Fedchuk, G. I.

AID P - 3938

Subject : USSR/Hydr. Eng.

Card 1/1 Pub. 35 - 2/19

Author : Fedchuk, G. I., Eng.

Title : Organizing work at reinforcement manufacturing plants
of hydraulic engineering construction projects.

Periodical : Gidr. stroi., 7, 6-10, 1955

Abstract : The article criticizes the organization of work and
the outdated equipment in reinforcement plants at
individual construction projects. Some suggestions
for lowering the production cost and decreasing the
construction time are made. Some plants have already
been re-built and their work is deemed satisfactory.
Six diagrams.

Institution : None

Submitted : No date

FEDCHUK, G., inzhener.

Improving construction of the S-266 bending machine. Stroitel'2 no.6:23
Je 56. (MIRA 10:1)
(Bending machine)

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FEDCHUK, G., inzhener.

Mobile scaffolds. Stroitel' 2 no.9:13 S '56.
(Scaffolding)

(MLRA 10:1)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000412610001-6"

YEDCHUK, G.I., inshener.

Sand quarry for the building of the Kakhovka Hydroelectric Power
Station. Mekh.stroi.13 no.12:18-20 D'56. (MIRA 10:1)
(Kakhovka Hydroelectric Power Station) (Sand)

14(10)

SOV/112-59-2-2727

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 2, p 63 (USSR)

AUTHOR: Fedchuk, G. I.

TITLE: Experience With Pneumatic Tools for Concrete Hatching
(Opyt primeneniya pnevmaticheskikh instrumentov dlya nasechki betona)

PERIODICAL: V sb.: Energ. str-vo. Vol 3, M.-L., 1958, pp 11-12

ABSTRACT: Bibliographic entry.

Card 1/1

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CIA-RDP86-00513R000412610001-6

FFDCHUR, I... (Moskva)

Survey of the achievements of chemistry; international exhibition
"Chemistry in industry, construction, and agriculture." Priroda
54 no.11:68-70 '65. (MIRA 18:11)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000412610001-6"

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000412610001-6

FEDCHUK, I.P. (Moskva)

Complicated subject made popular: "New level objects in industry".
Reviewed by I.P. Fedchuk. Priroda 54 no.4:121-122 At. 1981
(MIRA 18:5)

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CIA-RDP86-00513R000412610001-6

FEDCHUK, I.P. (Moskva)

"Stories of the forest" by B.Derim-Oglu. Reviewed by I.P.Fedchuk.
Priroda 49 no.11:120-121 N '60. (MIRA 13:11)
(Forest ecology)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000412610001-6

FEDCHUK, I.P. (Moskva)

"M.V.Lomonosov and the Petersburg Academy of Sciences" by M.I.
Radovskii. Reviewed by I.P.Fedchuk. Priroda 50 no.11:122-123
N '61. (MIRA 14:10)
(Lomonosov, Mikhail Vasil'evich, 1711-1765)
(Academy of Sciences of the U.S.S.R.)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000412610001-6

Abstract: "Distribution of multiple oscillations by the method of equal attitudes (method of Levinov)." Zhurn. fiz.-mat. Sci., Kiev, state 1, 1959. (Referencing Zhurnal Astronomii, Moscow, v. 19)

cc: CIA 016, 26 Dec 1959

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000412610001-6"

FEDOROVICH
FEDCHUN, M.S.

Aurora borealis in Kiev. Astron. tsir. no.177:23 P '57. (MLRA 10:6)
(Auroras)

AUTHOR: Fedchun, M. S., Candidate of Physical and Mathematical Sciences 6-58-6-3/31

TITLE: A Simplification of the Evaluation of the Observation of Latitude by Means of the Method by Pevtsov (Uprouchcheniye obrabotki nablyudeniy shiroty sposobom Pevtsova)

PERIODICAL: Geodeziya i kartografiya, 1958, Nr 6, pp. 10 - 16 (USSR)

ABSTRACT: Despite the advantages of the method by Pevtsov it is used less frequently than that by Tal'kott, because of its complicated evaluation. This shortcoming can be removed, if the observations are made under ideal conditions. This implies the observation of both pairs of stars at equal distances from the zenith and at equal distances of the stars of this pair from the meridian. It is not obligatory in this case to adjust the middle hair to the ideal position. If the lapse of time between the passages through the ideal position and through the middle hair equals 10 seconds, the error in the evaluation according to the formulae (3) will not exceed $0''027$ for the error of latitude m_φ . At a difference of 20 seconds $0''108$ will not exceed m_φ . It may be seen from the table that the required accuracy in the adjustment of the universal apparatus is easily attainable even at $\varphi = 70^\circ$.

Card 1/2

A Simplification of the Evaluation of the Observation 6-58-6-3/21
of Latitude by Means of the Method by Pevtaov

if stars with an angular distance from the meridian of 30° and above are selected as pairs. Certain preparations and a careful adjustment are rewarded by a simplified evaluation. The formulæ required for the use of the equipment and the supplements to the ephemerides of the pairs by Pevtaov necessary for the use of this method are given. It is expedient to compile the ephemerides for all latitudes, where visibility seems to be ensured. As a conclusion, a practical example is computed. There are 4 tables, and 1 Soviet reference.

1. Theodolites--Operation
2. Theodolites--Calibration
3. Celestial navigation--Equipment

Card 2/2

FEDCHUN, M.S.

Observation of a fireball in Kiev. Astron.tsir. no.215:29-30
0 '60. (MIRA 14:3)

1. Galvnaia astronomicheskaya observatoriya AN USSR, Kiyev.
(Meteors)

FEDCHUN, M.S.; LEGEYDA, R.D.

Photographic observations of an artificial earth satellite at the
Main Astronomical Observatory of the Academy of Sciences of the
Ukrainian S.S.R. Izv.Glav.astron.obser.AN URSR 3 no.2:151-153
'61. (MIRA 14:4)

(Artificial Satellites—Tracking)

FEDCHUN, M.S.

Bright fireball of June 5, 1960. Meteoritika no.22:110-111
'62. (MIRA 15:8)
(Meteors)

BELOUS, I.P. [Bilous, I.P.], red.; BOGDANOV, O.P. [Bohdanov, O.P.], red.;
GUCHEK, I.V. [Huchek, I.V.], red.; MARCHENKO, I.K., red.; SIROTA,
N.I., red.; STEPANOV, T.K., red.; FEDCHUN, O.K., red.; FISHERKO,
I.K., red.; SLUCHANSKIY, Sh. [Sluchans'kyi, Sh.], tekhred.

[The economy of Chernovtsev Province; statistical collection]
Narodne hospodarstvo Chernivets'koi oblasti: statystichnyi
zbirayk. Chernivtsi, 1959. 171 p. (MIRA 13:6)

1. Chernovtsev (Province) Oblastnoye statisticheskoye upravleniye.
(Chernovtsev Province--Economic conditions)

FEDIER M. L.

"Structure and Insecticidal Properties of Organic Compounds, Esters of Substituted Acids."
N. N. Mel'nikov, N. D. Sukhareva, M. L. Fedier, Compt rend acid sci URSS, XXXI, --610-13
(1941) (In English) (SME: Inst. Insect/Fung. in Ya. V. Samoylov)

SO: U-237/49, 8 April 1949

1. FEDDER, M. L.
2. USSR (600)
4. Ants
7. Ants (*Monomorium pharaois* L.), Priroda, 41, No. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

FEDDEN, M.L.; TETEROVSKAYA, T.O.

Resistance of Moscow domestic flies to DDT. Med.paraz.i paraz.bol. no.2:
160-165 Mr-Ap '53. (MLRA 6:6)

1. Tsentral'naya kontrol'no-issledovatel'skaya laboratoriya Moskovskoy
gorodskoy dezinfektsionnoy stantsii. (Moscow--Flies)(DDT (Insecticide))

ZOLOTAREV, Ye.Eh., KOST, A.N., FEDDER, M.L., YUDIN, L.G., URGENSON, I.A.

Measures for human protection against rat flea attacks. Nauch.dokl.
vys.shkoly;biol.nauki no.1:44-45 '58 (MIRA 11:8)

1. Predstavlena kafedrami entomologii i organicheskoy khimii
Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova i
TSentral'nym nauchno-issledovatel'skim dezinfektionnym institutom
Ministerstva zdravookhraneniya SSSR.

(INSECT BAITS AND REPELLENTS)
(VIMAS)

ZOLOTAREV, Ye.Kh.; FEDDER, M.L.; KALAKUTSKAYA, T.V.; YUDIN, L.G.; DMITRIEV,
B.A.

A study of repellents. Report No.2: Acyltetrahydroquinolines as
mosquito repellents. Nauch. dokl. vys. shkoly; biol. nauki no.2;
37-40 '58. (MIRA 11:10)

1. Predstavlena kafedrami entomologii i organicheskoy khimii
Moskovskogo gosudarstvennogo universiteta imeni M.V. Lomonosova i
TSentral'nym nauchno-issledovatel'skim dezinfektsionnym institutom
Ministerstva zdravookhraneniya SSSR.
(Quinoline) (Mosquitoes) (Insect baits and repellents)

ZOLOTAREV, Ye.Eh.; FEDDOR; M.L.; YUDIN, L.G.; YURGENSON, I.A.

Study of repellents. Report No.3: Acyltetrahydroquinolines as protective substances against fleas. Vest.Mosk.un.Ser.biol., pochv., geol.,
geog. 13 no.3:43-52 '58. (MIRA 12:1)

1. Kafedry organicheskoy khimii entomologii Moskovskogo gos. universiteta i TSentral'nyy dezinfektsionnyy nauchno-issledovatel'skiy institut.

(Quinoline) (Fleas) (Insect baits and repellents)

FEDDER, M.L.

VASHKOV, V.I., prof.; FEDDER, M.L.; KLECHETOVA, A.M.; YEROFEYeva, T.V.;
KHUDADOV, G.D.

Resistance of *Musca domestica* to DDT and hexachlorocyclohexane
[with summary in English]. Gig. i san. 23 no.4:28-32 Ap '58.

(MIRA 11:6)

1. Iz TSentral'nogo nauchno-issledovatel'skogo dezinfecktsionnogo
instituta Ministerstva zdravookhraneniya SSSR.

(FLIES,

eff. of benzene hexachloride & DDT, resist. (Rus))

(DDT, effects,

on flies, resist. (Rus))

(BENZENE HEXACHLORIDE, effects,

same)

MEDDHR, M.L.

Raising blood-sucking stable flies (*Stomoxys calcitrans* L.) under laboratory conditions. Med.paraz. i paraz.bol. 27 no.6:733 N-D '58.

1. Iz Tsentral'nogo nauchno-issledovatel'skogo dezinfektsionnogo instituta. (MIRA 12:2)

(STABLE FLIES)

IGLITSINA, L.S.; FEDDER, M.L.

Synthesis of diethyltoluamide, a new repellent. Med. prom. 13 no.8:
20-22 Ag '59.
(MIRA 13:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy dezinfektsionnyy institut.
(TOLUAMIDE) (INSECT BAITS AND REPELLENTS)

FEDDER, M. L., BRUN, M. L., ZAKOLODKINA, V. I.

"New preparations for repelling mosquitoes, fleas, and ticks."

Report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

FEDDER, M. L. and NOVOKRESHCHENCOVA, N. S.

"Flea Repellant Preparations."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Central Scientific Research Institute for Disinfection (Moscow), and the State Scientific Research Institute of Microbiology and Epidemiology of the Southeast Part of the USSR (Saratov).

KOST, A.H.; PEDDER, M.L.; KALAKUTSKAYA, T.V.; BURINOVA, L.I.;
ZOLOTAREV, Ye.Kh.

Repellents. Part 8: Insect-repellent effect of some esters and
glycols. Vest.Mosk.un.Ser. 2: Khim. 15 no.3:70-74 My-Je
'60. (MIRA 13:8)

1. Kafedra organicheskoy khimii i entomologii Moskovskogo
universiteta, TSentral'nyy nauchno-issledovatel'skiy institut
dezinfektsii i Vsesoyuznyy nauchno-issledovatel'skiy institut
plasticheskikh mass.

(Insect baits and repellents)
(Phthalic acid)

FEDDER, M. L.

Method of laboratory testing of insect repellents on various
insects. Med. paraz. i paraz. bol. no. 6:734-737 '61.
(MIRA 15:6)

1. Iz TSentral'nogo nauchno-issledovatel'skogo dezinfektsionnogo
instituta (dir. - prof. V. I. Vashkov) Ministerstva zdravookhra-
neniya SSSR.

• (INSECT BAITS AND REPELLENTS)

ALEKSEYEV, A.N.; KERBABAYEV, E.B.; FEDDER, M.L.

Attempt to use insecticide zones for protection against mosquito attack. Zdrav. Turk. 5 no.5:28-32 S-0 '61. (MIRA 14:12)

1. Iz Ashkhabadskogo instituta epidemiologii i gigiyeny (dir. - dotsent Ye.S.Popova) i TSentral'nogo nauchno-issledovatel'skogo instituta Ministerstva zdravookhraneniya SSSR (dir. - prof. V.I. Vashkov).
(MOSQUITOES—EXTERMINATION) (INSECTICIDES)

FEDDER, M.L., TSEMLIN, V.M. & GRIKITYS, E. Ya. [Grikitis, E.]

Experience with the use of diethyltoluamide in aerosol cylinders.
Med. paraz. i paraz. bolezni 33 no.1861-63 Ja-F '64 (MIRA 18:1)

1. Tsentral'nyy nauchno-issledovatel'skiy dezinfektsionnyy institut (direktor - prof. V.I. Vasilev) Ministerstva zdravookhraneniya SSSR, Moskva, i zavod "Dzintars", Riga.

FEDDER, M.L.; ALEKSEYEV, A.N.

Sensitivity of biting midges (Diptera, Hæleidae) to some organo-phosphorus insecticides. Med. paraz. i paraz. bol. 33 no.5:525-527
S-0 '64. (MIRA 18:4)

1. TSentral'nyy nauchno-issledovatel'skiy dezinfektsionnyy
institut Ministerstva zdravookhraneniya SSSR, Moskva.

FEDDER, V. L.

CHERNOV, V. M.; FEDDER, V. L.

Possibility of Conditioned Reflex Hypertension

Manuscript, in List of Works Produced.

Dept. of Pharmacology, VIEM. Candidate of Medical Science V. M. CHERNOV (i. o. zav. - performing the responsibilities of manager), Moscow

Otchet o Nauchno-issledovatel'skoy Deyatelinosti Vsesoyuznogo Instituta eksperimental'noy Meditsiny im. A. M. Gor'kogo za 1938-1939 (VIEM - Report on the Research Work of the Institute of Experimental medicine imeni A. M. Gor'kiy for 1938-1939), "Medgiz" Moscow-Leningrad, 1940 book p. 270

KUZ'MINSKIY, A.S.; FED'DSHTEYN, L.S.

Conference on the aging and stabilization of polymers. Kauch.
1 rez. 23 no.10; 55-57 O '64. (MIRA 18:2)

FED'DSHILYN, Ya.I.; ZAYTSEV, A.N.

Perturbed solar diurnal variations at high latitudes during
the IGY. Geomag. i aer. 5 no.3:477-486 My-Je '65.

(MIRA 18:5)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya
radiovoln AN SSSR.

FEDECKA, B.

Quantitative research on the geotropism of the Paramecium caudatum. p. 65.
(FOLIA BIOLOGICA. Vol. 4, no. 1, 1956. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) IC. Vol. 6, no. 12, Dec. 1957.
Uncl.

JEDZKO, D.

Blood phosphorus and phosphatases in children in Heine-Medin disease. Pediat. polska 27 no. 5:637-648 May 1952. (CLML 22:4)

1. Of the Pediatric Clinic (Head-Prof. Wl. Bujak, M. D.) of Krakow Medical Academy.

BUJAK, W.: FEDECZKO, D.:PIETRZYKOWA, B.:STAPINSKA, J.

Observations on the treatment of infant toxicosis. Pediat.polska
30 no.6:515-520 Je '55.

1. Z Kliniki Chorob Dziecięcych A.M. w Krakowie. Kierownik: prof
dr med. Wl. Bujak Adres: Krakow, Strzelecka 2.
(INFANT NUTRITION DISORDERS,
toxicosis, ther.)

KEDECZKO, Danuta; HANICKA, Magdalena

Case of nephrolithiasis with unusual course. Pediat. polska 32 no.8:
929-932 Aug 57.

1. Z Kliniki Chorob Dzieci A. M. w Krakowie Kierownik: prof. dr Med.
T. Giza. Adres: Krakow, ul. Strzelecka 2, Klinika Chorob Dzieci A. M.
(KIDNEY, calculi
in inf., unusual case (Pol))

ARMATA, Jerzy; FEDECZKO, Damita

Rarity of scurvy in infants in Poland. Pediat. polska 34 no.3:279-286
Mar 59.

l. Z Kliniki Chorob Dzieci A. M. w Krakowie Kierownik: prof. dr med.
T. Giza. Adres: Krakow, ul. Powstancow Warszawy 6.
(SCURVY, in inf. & child,
in Poland (Pol))

PEDECZKO, Danuta; GOSCINSKA, Zofia

Diabetic coma in a 3-month-old infant. Pediat. polska no.4:
431-435 Ap '60.

1. Z Kliniki Chorob Dzieci A.M. w Krakowie, Kierownik: prof.
dr med. T. Giza.
(DIABETIC COMA in inf. & child)
(INFANT NEWBORN dis.)

FEDELESOVA, M.; technicka spolupraca CERNUSAKOVA, M.

Experience with the enzymatic determination of lactic acid in the blood. Bratisl. lek. listy 42 no.1:21-28 '62.

1. Z oddelenia experimentalnej chirurgie Ustavu experimentalnej mediciny SAV, veduci akademik K. Siska.
(LACTATES blood) (ENZYMES)

FEDELESOVA, M.; ZIEGLHOFFER, A.

Study of changes in adenosine triphosphoric-, adenosine di-phosphoric- and adenosine monophosphoric acids in the blood during restricted blood circulation. Bratisl. lek. listy 2 no.11:648-654 '63.

1. Oddelenie experimentalnej chirurgie Ustavu experimentalnej mediciny SAV; vedouci: akademik K.Siska.

*

HUBKA, M.; SUJANSKY, E.; SILVAY, J.; FEDELESOVA, M.; ZIEGELHOFFER, A.

Current status of the problem of artificial asystoles. Bratisl.
lek. listy 43 Pt. 2 no.4:185-189 '63.

1. CSAV - Oddelenie experimentalnej chirurgie Ustavu experimen-
talnej mediciny SAV v Bratislave, veduci akademik CSAV K.
Siska.

(HEART ARREST) (HEART SURGERY)
(HEART, MECHANICAL) (HYPOTHERMIA, INDUCED)
(POTASSIUM) (MAGNESIUM SULFATE) (NEOSTIGMINE)

HUBKA, M.; FEDELESOVA, M.; ZIEGELHOPFER, A.; SUJANSKY, E.; SILVAY, J.

Changes in glycidic and energy metabolism of the myocardium
during artificial asystoles under experimental conditions.
Bratisl. lek. listy 43 Pt. 2 no. 4:189-196 '63.

1. CSAV - Oddelenie experimentalnej chirurgie Ustavu experimen-
talnej mediciny SAV v Bratislave, veduci akademik CSAV
K. Siska.

(HEART ARREST) (HEART MECHANICAL) (MYOCARDIUM)
(ENERGY METABOLISM) (HYPOTHERMIA, INDUCED)
(CARBOHYDRATE METABOLISM) (GLUTATHIONE)
(ASPARTATE AMINOTRANSFERASE)
(ADENINE NUCLEOTIDES)

HUBKA, M.; ZIEGELHOPFER, A.; FEDELESOVA, A.; SILVAY, J.; SUJANOVY, E.

Changes in the acid-base equilibrium and concentration of cations in artificial asystoles under experimental conditions.
Bratisl. lek. listy 43 Pt. 2 no.4:197-204 '63.

1. CSAV - Oddelenie experimentalnej chirurgie Ustavu experimentalnej mediciny SAV v Bratislave, veduci akademik CSAV K. Siska.

(ACID-BASE EQUILIBRIUM) (HEART ARREST)
(HYPOTHERMIA, INDUCED) (OXIMETRY) (SODIUM)
(POTASSIUM) (CALCIUM) (HEART, MECHANICAL)

HUBKA, M.; FEDELESOVA, M.; ZIEGELHOFFER, A.; SILVAY, J.; SUJANSKY, S.

On the problem of acid-base equilibrium during 2 hours of
extracorporeal circulation. Bratisl. lek. listy 43 Pt. 2 no.4:
209-216 '63.

1. CSAV - Oddelenie experimentalnej chirurgie Ustavu experimen-
talnej mediciny SAV v Bratislave, veduci akademik CSAV K. Siska.
(HEART, MECHANICAL) (ACID-BASE EQUILIBRIUM)
(HYPOTHERMIA, INDUCED)

ZIEGELHOFFER, A.; KLIMPEL, L.; FEDELESOVA, M.

Changes in the blood protein spectrum following heart operations with extracorporeal blood circulation. Bratislav. lek. listy 43 Pt. 2 no.4:228-234 '63.

1. CSAV - Oddelenie experimentalnej chirurgie Ustavu experimentalnej mediciny SAV v Bratislave, veduci akademik CSAV K. Siska Klinika pre srdcovu a cievnu chirurgiu Univerzity Karla Marxa v Lipsku, veduci prof. M. Herbst.

(BLOOD PROTEIN ELECTROPHORESIS)
(HEART SURGERY) (HEART, MECHANICAL)
(BLOOD PROTEIN DISORDERS)

FEDELESOVA, M.; ZINGELHOFFER, A; HUBKA, M.; Technicka spolupraca:
CERNUSAKOVA,M.; HROCHOVA, L.; BRICHTOVA, A.

A study of the changes of various substrates and of enzyme
activity in mitochondria of the isolated dog heart after
hypothermic storage. Bratisl. lek. listy 45 no.5:265-272
15 Mr '65

1. Ustav experimentalnej chirurgie Slovenskej akademie ved
(riaditeľ: akademik K. Siska).

CZECHOSLOVAKIA

FEDELESQVA, M., and ZIEGELHOEFFER: Department of Experimental Surgery of the Slovak Academy of Sciences (Ustav experimentalnej chirurgie SAV,) Bratislava.

"Tissue Removal for Determination of Macroergic Phosphates, Orthophosphates, Creatine Phosphate, Glycogen, Lactate and Pyruvate in the Tissue Specimens."

Prague, Ceskoslovenska Fisiologie, Vol 14, No 6, Nov 65; pp 499-503.

Abstract : Photograph and detailed description of special quick-freezing biopsy resection forceps for collection of specimens and immediate determination of evanescent biochemical compounds. Photograph, 3 tables, 2 Czech and 25 Western references; ms rec 20 Jan 65.

1/1

HUNGARY/Chemical Technology. Chemical Products
and Their Applications. Ceramics. Glass.
Binding Materials. Concrete.

H-13

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 24139

Author : Fodelinski, K.

Inst :

Title : New Manufacturing Experiments on the Increased Productivity of Crushing Operation of Raw Materials in the Refractories Industry.

Orig Pub : Epitoanyag, 1958, 10, No 6, 184-185

Abstract : No abstract.

Card : 1/1

H-55

FEDENEV, G. S.

FEDENEV, G. S. -- "Investigation of the Basic Problems of Operational Planning of Hauling Work." Min Railways USSR. All-Union Sci Res Inst of Railroad Transport. Moscow, 1956.
(Dissertation for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya Letopis', No 9, 1956

FEDENEV, G.S.

AKHRAMOVICH, L.K., inzh.; doktor tekhn. nauk; BERNGARD, K.A., kand. tekhn. nauk; FEDENEV, G.S.; AL'TERMAN, G.L., red.; BOBROVA, Ye.N., tekhn. red.

[Advanced methods of dispatching in train traffic] Perekovyye metody dispetchershogo komandovaniya dvizheniem poezdov. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 107 p. (MIREA lit?)
(Railroads—Train dispatching)

FEDENEV, G.S.

BERNGARD, K.A., doktor tekhn.nauk; FEDENEV, G.S., kand.tekhn.nauk

Progressive methods of train dispatching on heavy traffic lines.
Zhel. dor. transp. 40 no.1:12-18 Ja '58. (MIRA 11:1)
(Railroads--Train dispatching)

FEDENEV, G.

Helping the brigade. NTO no.3:20 № 59. (MIRA L.:6)

1. Zamestitel' predsedatelya soveta pervichnoy organizatsii
nauchno-tekhnicheskogo otdela Tsentral'nogo nauchno-issledovatel's-
kogo instituta zheleznyodorozhnogo transporta.
(Moscow--Railroads--Yards)

FEDENEV, G.S., kand.tekhn.nauk; OL'KHOVOY, A.I., inzh.; KUTYYEV, G.M.,
inzh.

Mechanization and automation in data processing and accounting
operations of railroads, Zhel.dor.transp. 41 no.11:45-48
N '59. (MIRA 13:2)
(Railroads--Accounting, bookkeeping, etc.)

FEDENEV, G.S., kand.tekhn.nauk; ROL'SHCHIKOV, Ye.P., inzh.; MITYUSHEV, S.I., dotsent; OL'KHOVOY, A.I., inzh.; TITOVA, LA., inzh.; KUTIYEV, G.M., inzh.; TREGUBOV, G.G., inzh.; ASHUKIN, D.D., kand.tekhn.nauk, retsentent; MAKSIMOVICH, B.M., kand.tekhn.nauk, retsentent; PETROVA, V.L., inzh., red.; VASIL'YEVA, N.N., tekhn.red.

[Mechanization and automation of information and accounting work in railroad sections] Mekhanizatsiia i avtomatizatsiia informatsionno-uchetnoi raboty na otdeleniakh zheleznykh dorog. Moskva, Vses.izdatel'sko-poligr. ob"edinenie M-va soobshcheniya, 1962. 159 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.240). (MIRA 16:2)

(Railroads--Management)
(Electronic computers)

FEDENEV, G.S., kand.tekhn.nauk

Capacity of information systems. Vest.TSNII MPS 22 no.5:61-64
'63. (MIRA 16:8)
(Railroads--Communication systems) (Cybernetics)

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FEDENEVA, T.

Agriculture in the arid Volga Valley. Zemledelie 26 no.2:
95-96 F '64. (MIRA 17:6)

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CIA-RDP86-00513R000412610001-6

FEDENEVA, E. V.

"Conference on Questions of the Pre-Harvest Removal of Leaves from the Cotton Plant," Agrobiol., No.3, pp. 156-58, 1955

Translation 2030158

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000412610001-6"

FEDENEVA, T.

Put biological science at the service of production. Zemledelie
25 no.5:80-82 My '63. (MIRA 16:7)
(Agricultural research--Congresses)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000412610001-6

GOLOVIN, G.; FEDENEVA, T.

Book reviews and bibliography. Zemledelie 25 no.10:93-96
O '63. (MIRA 16:11)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000412610001-6"

FEDENEVA, T.

Composts and organic-mineral fertilizers; survey of articles.
Zemledelie 26 no.1:43-45 Ja'64. (MIRA 17:5)

GUSAK, Aleksey Adamovich; NAKHIMOVSKAYA, Anna Natanovna; RYABUSHKO,
Anton Petrovich; TUTAYEV, Leonid Kondrat'yevich, dots.;
FEDENKO, Anatoliy Semenovich; VEREVKINA, N.M., red.;
KISLYAKOVA, M.N., tekhn. red.

[Problems in differential geometry] Sbornik zadach po dif-
ferentsial'noi geometrii. Minsk, Izd-vo M-va vyshego, sred-
nego spetsial'nogo i professional'nogo obrazovaniia BSSR,
1963. 106 p. (MIRA 16:10)
(Geometry, Differential—Problems, exercises, etc.)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000412610001-6

FEDENKO, A. S.

FEDENKO, A. S.: "Some classes of symmetrical space". Moscow, 1955. Moscow State U imeni M. V. Lomonosov. (Dissertation for the Degree of Candidate of Physicomathematical Sciences)

SO: Knizhnaya L topis', No. 40, 1 Oct 55

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000412610001-6"

FEDENKO, A. S.

Call Nr: AF 1108825

Transactions of the Third All-union Mathematical Congress (Cont.)^{1956,} Moscow,
Jun-Jul '56, Trudy '56, v. 1, Sect. Rpts. Izdatel'stvo AN SSSR, Moscow, 1956, 237, pp.
Fedenko, A. S. (Minsk). On the Theory of Symmetrical Spaces. 174-175

There are 2 references, 1 of which is USSR, and the other French.

Shveykin, P. I. (Moscow). Affine-invariant Development. . 175

Mention is made of Laptev. G. F.

Shirokov A. P. (Kazan'). Projective Interpretation of
Conformally Euclidean Symmetrical Spaces. 176

Shulikovskiy, V. I. (Kazan'). On a Generalization of
Killing Equations and Imprimitive n -Webs. 176

Mention is made of Yegorov, D. F.

Shcherbakov, R. N. (Ulan-Ude). Yegorov's Transformations
in the Theory of Congruences. 176-177

Card 56/80